

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) Microspheres ~~for allergy therapy~~ containing antigens and/or DNA of antigens, wherein the microspheres comprise the Aleuria aurantia lectin on the surface, and wherein the microspheres have a binding constant K_B of at least $1 \times 10^4 \text{ M}^{-1}$ toward the specific carbohydrate residue of intestinal and/or nasal epithelial cells.
2. (Currently Amended) The microspheres ~~for allergy therapy~~ according to claim 1, wherein the microspheres have an avidity K_B of at least $1 \times 10^{10} \text{ M}^{-1}$ toward the specific carbohydrate residue of intestinal and/or nasal epithelial cells.
3. (Cancelled)
4. (Currently Amended) The microspheres ~~for allergy therapy~~ according to any of the above claims, wherein the specific carbohydrate residue is alpha-L-fucose.
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Currently Amended) The microspheres ~~for allergy therapy~~ according to any of the above claims, characterized in that the microspheres have a diameter of from 0.1 to 100 μm .
10. (Currently Amended) The microspheres ~~for allergy therapy~~ according to any of the above claims, wherein the skeleton of the microspheres consists of polymers.
11. (Currently Amended) The microspheres ~~for allergy therapy~~ according to claim 10, wherein the skeleton of the microspheres consists of polymers with functional groups.
12. (Currently Amended) The microspheres ~~for allergy therapy~~ according to either of claims 10 and 11, wherein the skeleton of the microspheres consists of biodegradable polymers or copolymers.

13. (Currently Amended) The microspheres ~~for allergy therapy~~ according to any of claims 9-12, wherein the skeleton of the microspheres consists of polylactic acid, polyglycolic acid or of poly(lactic-co-glycolic acid) copolymer.
14. (Currently Amended) The microspheres ~~for allergy therapy~~ according to any of claims 10 to 13, wherein the Aleuria aurantia lectin is bound to the polymers by a covalent bond.
15. (Currently Amended) The microspheres ~~for allergy therapy~~ according to any of the above claims, wherein the microspheres contain 0.1-20 wt.% of antigens and/or DNA of antigens.
16. (Currently Amended) The microspheres ~~for allergy therapy~~ according to any of the above claims, wherein the antigens and/or DNA of antigens are allergens and/or DNA of allergens.
17. (Currently Amended) The microspheres ~~for allergy therapy~~ according to any of the above claims, wherein the antigens are mimotopes of the allergen Phl p 5 and/or of the allergen Bet v 1.
18. (Withdrawn) A method for producing microspheres according to any of the above claims, wherein the microspheres are first loaded with antigens and/or DNA of antigens, and the microspheres are then functionalized.
19. (Withdrawn) A method comprising administering the microspheres according to any of the above claims 1-17 to a subject for allergy therapy.